Event

MPTS IJET
TAC 4201
T-45

Mission

TACTICAL FORMATION SOLO
1.3 HOURS/X

ORM

TAC 4201

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

TAC 4201

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

SSR/DISCUSS ITEMS

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- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **PREREQUISITES:**
  - **TAC 4103**

- **DISCUSS ITEMS:**

  TAC 4201
  - **NATOPS/SOP/EP QOD**
  - **LOST SIGHT GAME PLAN**
  - **VCR MANAGEMENT**
  - **G-WARM MANEUVER**
  - **500-FT SAFETY BUBBLE**

SYLLABUS NOTES

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A. THESE EVENTS WILL BE FLOWN FROM THE FRONT COCKPIT

ADMIN (CARD)

TAC 4201

- **A/C – ATC C/S – CREW**
- **BRIEF / WALK / TAKEOFF / LAND TIMES**
- **ATC CLEARANCE / DD-175**
- **FUEL PLAN/LADDER**
- **LINE / T/O / ABORT / RPM**
- **COMM PLAN**
- **NAV PLAN**

ADMIN

TAC 4201

- **LAUNCH**
  - **WEATHER / NOTAMS / TFR / BASH**
  - **PREFLIGHT / START / TAXI**
  - **ENROUTE PROCEDURES**
  - **RADALT USAGE**

- **RTB**
  - **RECOVERY**
  - **DIVERTS**

CONDUCT

TAC 4201

- **TIMS RESUME REVIEW**

- **PRACTICE:**
  - **CHECKLISTS/COMM/GROUND OPS**
  - **TAKEOFF/DEPARTURE/FLIGHT ADMIN**
  - **INDIVIDUAL/INTERVAL TAKEOFF**
  - **TACTICAL ADMIN**
  - **TAKEOFF**
  - **RENDEZVOUS**
  - **FORMATION WING**

CONDUCT

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- **PRACTICE CONTINUED:**
  - **DEFENSIVE COMBAT SPREAD**
  - **CRUISE TURNS**
  - **CHECK TURNS**
  - **SHACKLES**
  - **OFF-HEADING SHACKLES**
  - **TAC TURNS**
  - **IN PLACE TURNS**
  - **CROSS TURNS**
  - **TAIL CHASE EXERCISE**
  - **TACTICAL REJOIN**
  - **LANDINGS**

TAC 4201

BLOCK MIF

CTS REF	MANEUVER	TAC4201
1	General Knowledge/Procedures	4+
2	Emergency Procedures	4
3	Headwork/Situational Awareness	4+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	4+
7	Ground Operations	4+
8	Flight Admin	4+
9	Tactical Admin	3+
30 10	Takeoff	4+
11	Rendezvous	4+
32	Formation Wing	4+
35	Defensive Combat Spread	3+
35	Cruise Turns	3
35	Check Turns	3+
35	Shackles	3+
35	Off-Heading Shackles	3
35	Tac Turns	3+
35	In-Place Turns	3+
35	Cross Turns	3
37	Tail-Chase Exercise	3
36	Tactical Rejoin	3
23	Landing(s)	1+

Emergencies

TAC 4201

- **AIRCRAFT FALLOUT**
- **CLEAR ENGINE PROCEDURE**
- **ABORTED TAKEOFF**
- **RWY DEP / LOSS OF DIRECTIONAL CONTROL**
- **SYSTEM FAILURES/ EPs / CRM**
- **BIRD STRIKE/ MIDAIR**
- **RADIO/ ICS FAILURE**
- **LOSS OF NAVAIDS / LOST PLANE**
- **INADVERTENT IMC / LOST SIGHT / LCLS**
- **DISORIENTATION / VERTIGO**
- **HYPOXIA**
- **EJECTION (HIGH / LOW / GROUND)**
- **SAR / ON SCENE COMMANDER**
- **DIVERT(S) / BINGO FUEL TO DIVERT**

STANDARD DEBRIEFING FORMAT

TAC 4201

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED